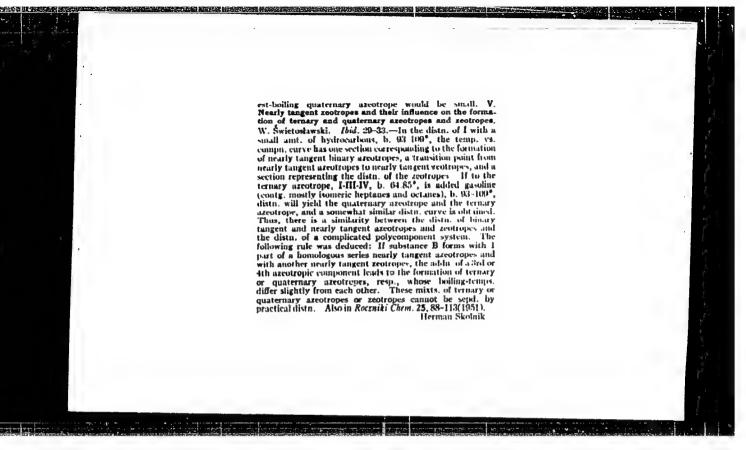


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CA

the azeotropic range is defined as the extreme b.p. limits of the corresponding homologs which form tangent or nearly tangent isobars (i.e., the upper and lower limits of azeotropy). The formation of ternary azeotropes of A and C with a series of homologs, B. B., B., etc., or their isomers, depends upon the smaller azeotropic range of A with B's and C with B's, although the ternary azeotrope range may be somewhat larger than the smaller binary azeotrope range may be somewhat larger than the smaller binary azeotrope range may be somewhat larger than the smaller binary azeotrope is limited by the azeotropic capacity of the binary systems (A with B's, having the smallest range; all 3 agents (A, C, and D) should form azeotropes with each other and with the series of homologs (B, B₁, B₂, etc.) within a certain range; the quaternary azeotrope range may be somewhat larger than the smallest binary range by virtue of nearly tangent isobars of the binary system. In a similar manner, it is concluded that a 5-component azeotrope might exist, although the probability of such formation is small, and its isolation would be difficult since the azeotropic depression with respect to the low-



Saik Tosz Hosky do

Swietoslawsk: W.

Swietoslawski W. "On the Classification of Sorbents and Ion-Exchangers." (W sprawie klasyfikacji sorbentow i jonitow). <u>Przemysl Chemiczny</u>, No. 1, 1950, pp. 41-43.

The author suggests a classification of sorbents and ion-exchangers into: perfect and imperfect groups. To the first belong all sorbents and ionites with one single function, while the other comports those which, in addition to being sorbents also play the part of ionites and vice versa. A suggestion is made to divide ionites into one-, two-, three-, and multi-function groups. The swelling of ionites interferes to some degree with the proposed grouping. There follows a characterization of the secondary processes occuring on non-ideal sorbents and ion-exchangers. A number of Polish terms are proposed for practical use.

SO: Polish Technical Abstracts - No. 2, 1951

